Eventiser

An Event planning and management web system

Husnul Budhiraja
B.Tech (ECE)
SRM University
Chennai, India

Kiron K,
B.Tech (ECE)
SRM University
Chennai, India

P.Satishwar Reddy

B.Tech (ECE)
SRM University
Chennai, India

Abstract— Event organizers and managers face a lot of hurdles along the process of organizing an event in an organization. There is a lot of paperwork to tackle, and many manual processes that hinder the actual task of organizing the event. To facilitate them, we are developing a software product that will take care of the paperwork of event organizing. While also notifying the target audience, providing valuable insight into event statistics for managers, and real-time suggestions which can make an event even better.

Keywords—event managementt; user; network interface; event managers.

I. INTRODUCTION

It is an online event management system that solves much of the hurdles faced by event manager in large organizations. The major problems event managers face while organizing events is going through manual paperwork, notifying the target audience, and the lack of any insight into the event they are going to organize. Our system will not only automate the manual paperwork of the event management process, but will be a platform where the audience will be notified and engaged through a social network-like interface. On top of that, there will be suggestions to make the events better and detailed statistics to tell the event managers how well their events are performing.

II. EASE OF USE

A. Purpose

Eventiser is designed to be a bespoke solution for a total event portal that has deeply specialized event management modules and a great social networking interface to make events at organizations much more intuitive and productive. The event approval process will be also made seamless by an easy-to-use authorization procedure that will reduce time costs for all parties included.

B. Scope

It is being built for university-level educational institutions that have an active event environment. It will be a web portal developed with complete event management in mind. It will combine student profiles and interests, deeply customizable and specialized event management and decision support system under a web portal layer that will integrate these modules into a complete ecosystem.The system will provide an online way for students to come closer to whatever's happening at the institute. And it will provide event organizers and managers a complete solution of arranging events with detailed analysis and suggestions beforehand in addition to the complete paper-less approval automation.

C. Methodology

The following modules are included in the scope of this project:
• Registration
 • Login
 • Database Creation
 • Event Creation
 • Event Registration
 • Notification

Registration This module contains registration form which requires users to give necessary details such as name, user registration number, year, department and so on. User is allowed to choose a password of his own choice (following certain constraints). On submission, details are saved in the database. The user once registered cannot be registered again.

Login This module allows user to login through his user ID and password. It takes user to the personalized home/profile page, wherein users can see all the events and register for the events they like.

Database Creation Userid (Registered Number) or user name, password and user type (Student, admin) have been stored after registration. It used php function to store the data in mysql database and fetching user application details. Tables of all the students registered , all the events and new event submissions are stored in the database that can be accessed only by the admin.

Event Creation The event creation module will deal with the complete process of creating an event. This will take the manual procedures and completely automate them with the help of web forms and authority chains. An event organizer that has been authorized by the system will be able to create an event. After filling out the details of the event in a web form, a customized view of the form will be sent to the intermediary authority via an e-mail link. After the intermediate authority approves of the event, the event will be forwarded to the final authority. The final authority will be able to completely approve or reject the event. In case of rejection, the authority will have the choice of offering suggestions on what to improve in the event.

Event Registration The event registration module will deal with the task of registering students for the events. The module requires special attention because it has to be able to deal with event delays, registration cancellations, and refunds that make handling registrations a complex matter in real life.

Notification Users are notified on registration with an email containing the link to complete the registration process. Event Managers are notified about registrations for their events with student name and details. On successful registration of an event by a user, he/she is notified about the event schedule and details on e-mail.

III. LITERATURE REVIEW- DIGITAL EVENT MANAGEMENT

Digital event management is still in its infancy even in these technologically advanced times. No research work has been conducted regarding the benefits of a fully automated decision support system for event management. But due to the personalized nature of event management, companies still have not paid attention to this area.

In a conducted research into digital event management, and found that it greatly increases the benefits of an event organizer or a company. Through a digital interface, the outreach of an event organizer or a company increases many-folds because of the accessibility it affords normal people. Furthermore, with digital event

management, even the people who will not be attending the event will stay in touch with what's happening. And this goes a long way with securing future audience who will be interested in your events.

Not only is your reach increased by using digital event management, but you are able to bundle media with your event notifications as well, which will further engage and excite the potential audience.
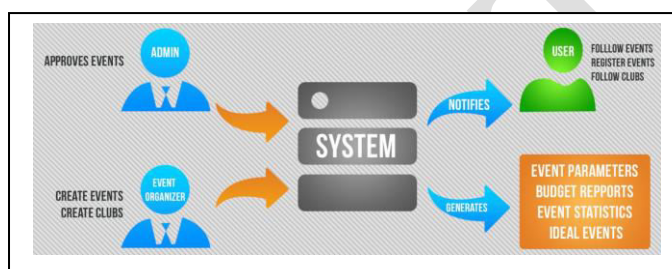
A. Analysis of existing tools

Digital event management is still a relatively unexplored area as far as management and decision support systems are concerned. However, there are some companies who are offering event management tools in some capacities.

- Artegis Regis: It is a desktop-based event management tools that offers advanced features for event management needs. Its features are: custom registration form, email and sms notification, billing management, reports and statastics.
  However, it has limited portability and no user networking.

- eTouches Events is a cloud-based event management system which makes it very easy to store your data. The cloud-based environment means extra security for your data. It is not deployed as standalone and bespoke event management solution.

IV. SYSTEM ARCHITECTURE

It is an integrated system for bringing students, event organizers and event managers together using a bespoke networking system. The networking system will be backed by a specialized and intelligent event management system that will offer run-time suggestions for further improving the potential of the event by adjusting relevant parameters. The event approval process will be also made seamless by an easy-to-use authorization procedure that will reduce time costs for all parties included.

Abstarct System Architecture

A. Proposed System Architecture

1) Operating Environment: Campus Square is an integrated web-based system that will be developed using technologies that have cross-platform support. In other words, the software will be platform, or operating system-independent and will work on a wide range of devices.

2) Design and Implementation Contraints:

   a) The database should be accessible at all times.

   b) All of the information regarding student ,events should be stored in database.

   c) All users will be required to register and use their username and password for login.

   d) It will be compatible across wide range of browsers andoperating systems.

B. Results and Inferences

Eventiser is a web application that helps in managing various events that are conducted at university level. It helps the user of the web portal to register themselves for various events taking place in the university. This system also provides interested people to submit their event ideas which if found suitable can be conducted at university level. It reduces paper and manual work associated with creation and registration of events. It provides the user a user name and password so that they can access their account and register themselves for events which suits their interest. Also, it provides a notification system that helps user in keeping themselves updated regarding various details of the event. In the end, we conclude that Eventiser is a one stop solution for creating and managing registration for various events.

C. Future Scope and Implementation

1) Scalability: The proposed system is scalable and can be implemented at various institutes for providing better event management in the oraganisation.

2) Additional features: The additional features like add/delete club, rate club, common interest chat platform and networking can be introduced at later stages .

3) Outreach: Among college and other educational institutions, it is required to have a common platform for all events so that it is less confusing and more awareness and publicity can be generated.

4) Mobile based Application: Andriod and mobile operating system based aplications can be created for this system in future, so that, same features and model can be rovided handy to the user with much ease.

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